

# State Fiscal Year 2003 Annual Report

## LOCAL ENVIRONMENTAL PROTECTION PROGRAM

CHEYENNE 1	RAWLINS 1	DECATUR 1	NORTON 1	PHILLIPS 3 <b>Phillips County LEPA</b>	SMITH 3	JEWELL 3	REPUBLIC 3	WASHINGTON 7 <b>Rural Lakes LEPA</b>	MARSHALL 7	NEMAH 20 <b>NEKS Environmental</b>	BROWN 20	DONIPHAN 21
SHERMAN 1	THOMAS 1 <b>NWLEPA</b>	SHERIDAN 1	GRAHAM 1	ROOKS 3	OSBORNE 3	MITCHELL 3	CLOUD 7	CLAY 7	RILEY 14	POTTAWATOMIE 15	JACKSON 20	ATCHISON 20
WALLACE 1	LOGAN 1	GOVE 1	TREGO 1	ELLIS 35	RUSSELL 4	LINCOLN 8 <b>Saline Co LEP</b>	OTTAWA 8	DICKINSON 34	GEARY 7	WABAUNSEE 21	SHAWNEE 20	JEFFERSON 20
GREELEY 1	WICHITA 1	SCOTT 1	LANE 1	NESS 4	RUSH 4	BARTON 8	ELLSWORTH 8	SALINE 8	MCPHERSON 7	MORRIS 7	LYON 16	DOUGLASS 25
HAMILTON 2 <b>SWLEPA</b>	KEARNY 2	FINNEY 2	HODGEMAN 2	PAWNEE 4	STAFFORD 4	RENO 11	RICE 9	MARION 10	CHASE 3	COFFEY 30	ANDERSON 0	LEAVENWORTH 22
STANTON 2	GRANT 2	HASKELL 0	GRAY 2	FORD 38	EDWARDS 1	PRATT 6 <b>SCLEPP</b>	KIOWA 6	KINGMAN 6	BUTLER 18	GREENWOOD 47	WOODSON 29	FRANKLIN 27
MORTON 0	STEVENS 41	SEWARD 37	MEADE 2	CLARK 2	COMANCHE 0	BARBER 5	HARPER 6	SUMNER 13	COWLEY 9	ELK 24	WILSON 10	MIAMI 28
										CHAUTAUQUA 0	MONTEGOMERY 33	LABETTE 32
												CHEROKEE 42
												WYANDOTTE

KANSAS DEPARTMENT OF HEALTH & ENVIRONMENT  
DIVISION OF ENVIRONMENT  
BUREAU OF WATER  
WATERSHED MANAGEMENT SECTION



Program funding from the Kansas Water Plan Fund



LOCAL ENVIRONMENTAL PROTECTION PROGRAM  
STATE FISCAL YEAR 2003 ANNUAL REPORT  
JULY 1, 2002 TO JUNE 30, 2003

## CONTENTS

<b>OVERVIEW .....</b>	<b>2</b>
<b>FUNDING .....</b>	<b>2</b>
Figure 1: Local Environmental Protection Program Funding History.....	2
Figure 2: Program Boundaries .....	2
<b>TARGET GRANTS .....</b>	<b>2</b>
Figure 3: Target Grant Recipients.....	3
<b>SOURCE WATER ASSESSMENT &amp; PROTECTION FUNDING .....</b>	<b>3</b>
<b>SANITARY CODES .....</b>	<b>4</b>
Figure 4: Environmental Code Status .....	4
<b>NEW REQUIREMENTS .....</b>	<b>4</b>
Figure 5: Certified Septic Tank Manufacturers in Kansas.....	4
<b>PROGRAM TRACKING .....</b>	<b>5</b>
<b>PROGRAM ACTIVITIES AND HIGHLIGHTS .....</b>	<b>5</b>
<b>STATE AND LOCAL GOALS SFY 2004 .....</b>	<b>6</b>
<b>Table 1: Grant Award History .....</b>	<b>7</b>
<b>County Environmental Staff.....</b>	<b>8</b>
<b>Map: KDHE Watershed Management Contacts .....</b>	<b>9</b>
<b>County or Multi-County Cumulative Activity Report .....</b>	<b>10</b>

# LOCAL ENVIRONMENTAL PROTECTION PROGRAM STATE FISCAL YEAR 2003 ANNUAL REPORT

## OVERVIEW

The Kansas Department of Health and Environment (KDHE) administers an environmental grant program to local entities for development of a local environmental protection plan to implement the environmental protection strategy of the Kansas Water Plan. An environmental protection plan covers the sanitary code (on-site wastewater code and non-public drinking water well code), subdivision water and wastewater plan, solid waste management plan, hazardous waste management plan, public water supply protection plan, and nonpoint source pollution control plan.

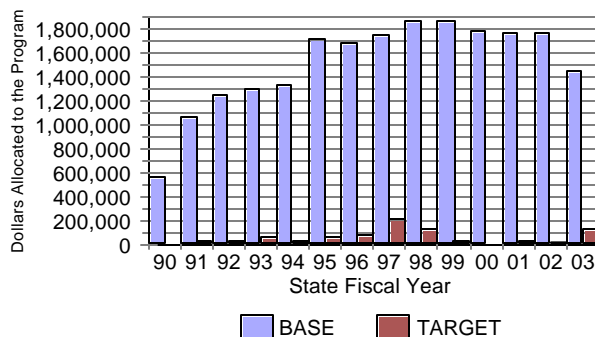
Through this grant program, financial and technical assistance is provided to counties to assist in establishing and operating programs for environmental and public health protection. This is accomplished by both the prevention of environmental pollution and the correction of existing sources of pollution.

## FUNDING

Financial assistance from the Kansas Water Plan fund totaling 1.6 million dollars was allocated to the program during State Fiscal Year 2003 (SFY 2003) for funding of base programs. Figure 1 shows the funding history for the program.

**Figure 1**

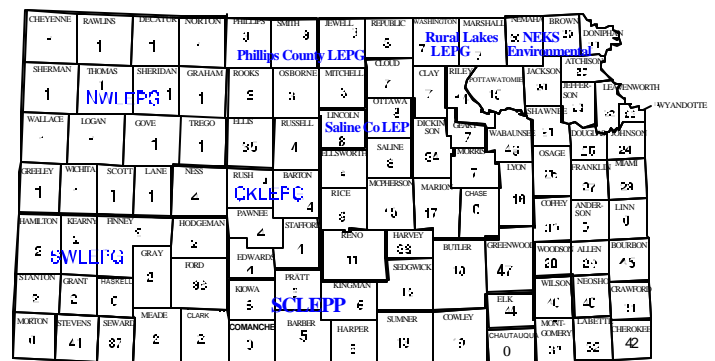
Local Environmental Protection Program  
Funding History



Ninety-eight counties received base grants with a minimum of \$7,000 and maximum of \$125,000. Table 1 on page 7 summarizes the funding history for each county or multi-county program.

During SFY 2003, there were 35 single county programs and 10 multi-county programs. Figure 2 shows program boundaries.

**Figure 2**  
Program Boundaries



The county environmental staff as of December 2003 is listed on page 8.

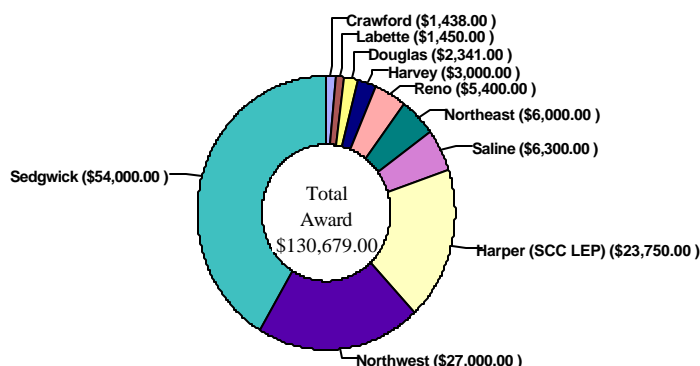
KDHE has three Watershed Field Coordinators who have the responsibility to coordinate and administer the Local Environmental Protection Program (LEPP) grants and work with the county environmental staff. The KDHE Watershed Management Contacts are listed on page 9.

## TARGET GRANTS

Funds remaining after base grants are satisfied are available as target grants and can be used to perform specific projects or to supplement base grant funds to purchase equipment and supplies.

During SFY 2003, target grants totaling \$130,679.00 were made to ten LEPPs. Figure 3 shows the recipients and amount of the award.

**Figure 3**  
**Target Grant Recipients**



Crawford County Health Department received \$1,438 to purchase a computer and Microsoft Office Software.

Lawrence-Douglas County Health Department received \$2,341 to purchase an incubator to be used for testing bacterial quality of well water and a printer for processing work related to all aspects concerning enforcement of the Douglas County sanitary code.

Harper County Health Dept (South Central LEPP) received \$23,750 to purchase equipment and to contract engineering services to perform a feasibility study to determine the best corrective measures for failing household on-site wastewater systems at Lake Anthony.

Harvey County Environmental Department received \$3,000 to purchase private water well testing kits to provide to local well users and provide water testing for residents when requested and as part of lender evaluations.

Labette County Health Department received \$1,450 to purchase equipment to be used to educate contractors about wastewater systems and absorption fields and to share information with homeowners, buyers and builders about the soils and environmental concerns within Labette County.

Northeast Kansas Environmental Services received \$6,000 to purchase laser levels, fax machine and

hire services to enter data on old water well permits into new database.

Northwest Local Environmental Group (NWLEPG) received \$27,000 to purchase equipment and provide TMDL implementation activities and services. Activities included developing and distributing a brochure to community leaders and others describing TMDLs and services available from NWLEPG.

Reno County Health Department received \$5,400 to purchase reference and educational materials to establish a South Central Kansas reference library and an environmental inspection database and equipment.

Salina-Saline County Health Department received \$6,300 to hire an intern and to purchase two digital cameras. The intern was hired to set up the environmental division's computer mapping system (GIS) and to manually locate over 1,200 existing septic systems using global positioning satellite (GPS) technology. He also mapped elevated blood levels and mosquito treatment sites in the City of Salina.

Sedgwick County Dept. of Code Enforcement received \$54,000 to support development of the Sedgwick County wastewater management plan and support development of the Arkansas River Water Quality Protection and Restoration Strategy.

## **SOURCE WATER ASSESSMENT & PROTECTION FUNDING**

The LEPPs were invited to provide local leadership in completion of source water assessments required by the Safe Drinking Water Act. The LEPPs agreed to: 1) serve on local source water assessment committees to provide advice and counsel on water quality protection duties and responsibilities of local government agencies, 2) complete source water assessments for "non-community" public water supplies, and 3) become a Technical Assistance Provider (TAP) to assist a community public water supply in completing the source water assessment for its water sources. During SFY 2003, more than

200 assessments were completed by the LEPP. A total of 78,000 dollars was granted to the LEPP for source water assessments. Of the 45 LEPPs, 29 received the extra funding.

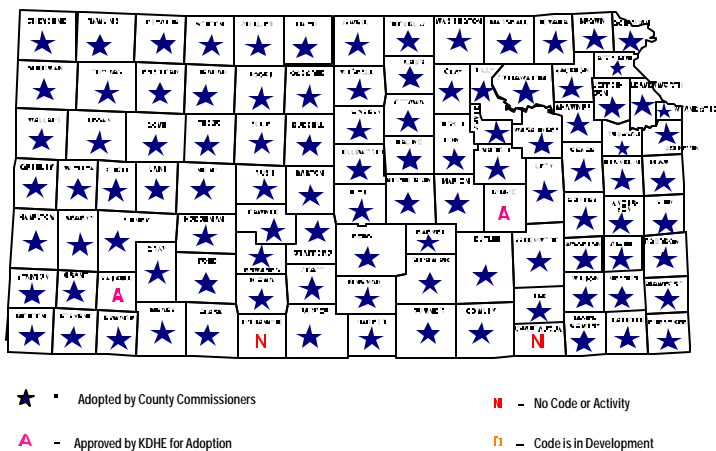
## SANITARY CODES

LEPP regulations (K.A.R. 28-66-1(b)(2)) state that a core program will include “the development, implementation, and enforcement of a sanitary/environmental code which has been approved by the secretary of KDHE and which establishes standards for the management of on-site wastewater systems for the treatment and disposal of domestic sewage only.

Figure 4 shows the current status of code activity in the state by county.

Figure 4

### ENVIRONMENTAL CODE STATUS



During SFY 2003, three counties made revisions to their local sanitary code.

**Labette Co.** developed a new code to replace an already existing code. The County Commissioners held a public meeting for input on the issues. Approximately 150 citizens attended. The county commission decided to postpone further action pending a rewrite of some of the sections. Unfortunately, Wayne Melton, the county

sanitarian, passed away this fall. His replacement, Roger Daniels, anticipates revisiting these issues in the first quarter of 2004.

**Sedgwick Co.**, adopted a new wastewater sanitary code in October 2002. They are currently working on the creation of a new private water supply code.

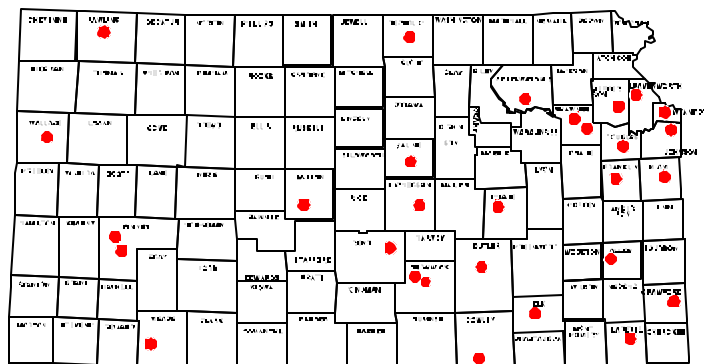
**Sumner Co.**, developed a new code to update & replace existing code. Following a public hearing by the County Commission, a 'final' version was sent to KDHE for review. During the review process, several items that needed some adjustment were identified. KDHE staff are currently working with Sumner County staff on these items. A resolution of these issues is anticipated in the first quarter of 2004.

## NEW REQUIREMENT

Septic Tank Design and Construction Standards set out by Bulletin 4-2 became effective July 1, 2002. Manufacturers marketing septic tanks in Kansas were asked to provide KDHE a certification that their tanks meet the Kansas specifications. The list of certified manufacturers is located on the website: <http://www.kdhe.state.ks.us/nps/lepp/>.

Figure 5 indicates the counties that have a certified septic tank manufacturer.

Figure 5  
State of Kansas  
Certified Septic Tank Manufacturers



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## **PROGRAM TRACKING**

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Tracking of program progress is essential to ensure implementation of county objectives and provision of local environmental services. An annual implementation report was designed to capture information necessary to report accomplishments and achievements of the Local Environmental Protection Program. A “Cumulative Activity Report” for each county and/or multi-county program is attached beginning on page 10.

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## **PROGRAM ACTIVITIES AND HIGHLIGHTS**

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### **SOILS EVALUATORS WORKSHOP**

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In November 2002, Sedgwick County hosted a two-day training for individuals involved in soil profiling and design of advanced treatment systems for on-site wastewater. The speakers were: Bob Murphy, Soil Scientist for NRCS; Rob Stutzman, Sedgwick County District Conservationist, NRCS; Barbara Dallemand, Project Manager, Church & Associates, Inc.; Charlene Weiss, Miami County Environmental Health Director; and Don Chisam, with KDHE.

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### **LABETTE COUNTY**

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On November 15, 2002, Mr. Melvin Childers of Advanced Septic Solution L.L.C., Seneca, MO, conducted a training class for installers, lenders, realtors and interested individuals involving systems that have not been utilized in Labette County. Twenty-two people were in attendance. The Sanitarian promoted the “Kansas Clean Water Pledge” and obtained 22 new pledges.

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## **INSTALLERS WORKSHOP**

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The SCLEPP hosted a Contractor Training workshop on February 18, 2003, in Pratt, KS. Agenda items for this workshop included a review of local requirements and a discussion on lift pumps. Twenty-one (21) attendees were present for the workshop. The Kansas Clean Water Pledge was promoted.

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### **SMALL FLOWS SOIL WORKSHOP**

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Ford County hosted a two-day KS Small Flows Association soils workshop in April, 2003. Presenters included professionals from KSFA, NRCS, KSU Extension, Miami County, and private firms. Field practice was conducted at two locations in the Dodge City area.

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### **SEWARD COUNTY**

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As part of Seward County’s disaster recovery effort after a severe flood in the May of 2003, the county sanitarian collected nearly 100 samples from 35 private drinking water wells. Wells were tested for bacteria, nitrate, and pH levels. The sanitarian consulted frequently with KDHE’s district office in Dodge City.

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### **NORTHEAST KANSAS ENVIRONMENTAL SERVICES**

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Doniphan County held a tire-recycling program on June 28, and collected 2157 tires. Tires were collected and taken away by The Tire Cutters, in Centralia, Kansas. Public education articles regarding solid waste disposal help to prevent negative solid waste issues in Doniphan County.

## **STATE AND LOCAL GOALS SFY2004**

- Implement Local Environmental Protection Plans.
- Establish a Local Environmental Protection Committee
- Develop, implement and enforce an environmental code for on-site wastewater treatment.
- Develop, implement and enforce code for private drinking water wells and supplies.
- Provide local environmental information, education, and technical assistance.
- Participate in local subdivision water and wastewater programs.
- Promote proper solid and hazardous waste management.
- Participate in local nonpoint source pollution control programs.
- Promote water supply protection.
- Participate in the establishment and implementation of TMDLs.
- Where TMDLs have been established, address the impairments.